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Friday, June 24, 2011 11:45:28 AM Item ID: D3504-5 Accept Setup Start **Revision ID:** Stop Crossbolt Spacer Item Name: **Start Date:** 6/24/2011 **Start Qty: 20.00 Cust Item ID:** Required Date: 6/30/2011 Req'd Oty: 20.00 **Customer:** Reference: Start Run Approvals: **Process Plan:** Date: Tooling: Date: Stop QC: Date: SPC (Y/N): Date: Sequence ID/ Operation Accept Reject Tool ID Tool # Plan Set Up/ Reject **Work Center ID** Description Qty Qty **Run Hours** Code Number Stamp Draw Nbr **Revision Nbr** D3504 Rev C 100 0.00 Hardinge CNC LATHE SMALL 0.00 Hardinge Memo 1-TURN AS PER FOLIO FA712 & DWG D3504 ,UFOLIO REV: DWG REV: C12-DEBURR AS REQUIRED Hardinge CNC Lathe Small 110 QC2- Inspect parts off machine FAI/FAIB 0.00 Memo Quality Control 1116/2 120 QC8- Inspect parts - second check 0.00 QC 0.00 Memo

Work Order ID 71226

Quality Control

Page 2

Item ID:

D3504-5

Accept

Setup Start

Revision ID:

Item Name:

Crossbolt Spacer

Start Date:

Required Date: 6/30/2011

6/24/2011

Start Qty: 20.00

Req'd Qty: 20.00



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

SPC (Y/N):

Date:

Date:

Start Run

Stop

Stop

Sequence ID/ Work Center ID

130

Packaging

Packaging

Operation Description

Identify as per dwg & Stock Location

Memo

QC: ____ Date: ___

Set Up/ **Run Hours**

0.00

0.00

STOCK IN SKIDTUBE CELL

Tool ID

Tool # Plan Code

Accept Qty

Reject Qty

Reject Insp. Number Stamp

140

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

Picklist Print

Friday, June 24, 2011 11:45:25 AM

Work Order ID: 71226

Parent Item:

D3504-5

Parent Item Name: Crossbolt Spacer



Start Date: 6/24/2011

Required Date: 6/30/2011

Start Qty: 20.00

Required Qty: 20.00

Comments:

IPP Rev:A Rev C dwg 07-12-06 DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch		mary Last ation Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total L Qty		ite Status
M6061T6R0.750	######################################	Purchased	No	_ ,	100	f	61.2030	0/0177	0.372632	674	5 − − − − − − − − − − − − − − − − − − −

6061-T6 Round Bar .750"

Location	Loc Qty	Loc Code	
MAT013	61.203		
112442	0.796		
116406	0.617		_A A
117481	35.79		<u>+ + + + + + + + + + + + + + + + + + + </u>
118106	24		



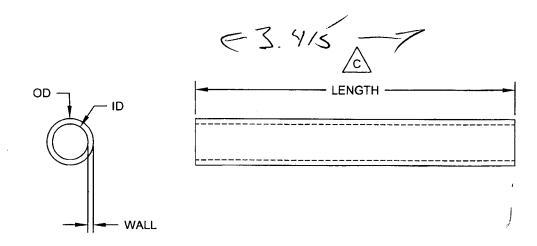
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DART AEROSPACE LTD	Work Order:	रा ।
Description: Cross Bolt Spacer	Part Number:	D3504-5
Inspection Dwg: D3504 Rev: C	·	Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

	X	First Article	F	rototyp	e	
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection,	Comments
Ø0.750	+0.008/-0.001	0.746		~	21-9	
0.080	+/-0.010	075			1/	
3.400	+0.030/-0.000	3,421		-		
Ø0.590	+0.008/-0.001	0,556				
				,,		
					• • • • • • • • • • • • • • • • • • • •	# 1 # 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1
					, ,	14.
					* 1	
					,	
						-
Measured by:	A	udited by:	>	Pro	totype Approva	al: N/A
Date:	1156/28	Date: U	- C · 2	7	Dat	e: N/A

Rev	Date	Change	Revised by Approv	/ed
Α	08.01.16	New Issue	KJ/EC/DD A	



D3504-1/-3/-5 CROSS BOLT SPACER PARTS LIST

PART NUMBER	OD	WALL	LENGTH +0.030 -0.000	ID	MATERIAL SPEC	NOTE	
D3504-1	0.500	0.049	3.475	0.402 (REF)	M6061T6T0.500W.049	SEE NOTE 1a)	
D3504-3	0.375	0.049	3.475	0.277 (REF)	M6061T6T0.375W.049	SEE NOTE 1a)	
D3504-5	0.750	0.080 (REF)	3.400	0.590	M6061T6R0.750	SEE NOTE 1b)	



D3504-1/-3/-5 CROSS BOLT SPACER:

1) MATERIAL: a) 6061-T6 OR 6061-T62 TUBING

PER WW-T-700/6 OR AMS 4080 OR AMS 4082

OR QQ-A-200/8 OR QQ-A-225/8

(REF. DART SPEC. M6061T6TD.DDDW.TTT)

b) 6061-T6 (OR 6061-T651/T6510/T6511/T62) ROUND BAR

PER AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR

PER AMS-QQ-A-200/8 (OR AMS 4160)

(REF. DART SPEC. M6061T6R0.750)

- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A





CHECKE	<u>ل</u> يم D	DRAWING NO REV. (
DRAWN	DC	HAWKESBURY, ONTARIO, CANADA		
DESIGN	PH	DART AE	ROSPACE	LTD
REV.	DESCRIPTION			DATE
Α	NEW ISSUE		PH	06.04.21
В	3.475 WAS 3.400			06.11.01
С	ADD -5		DC	07.09.19

CHECKED DRAWING NO. REV. C
MFG. APPR. D3504 SHEET 1 OF 1
APPROVED TITLE SCALE
DE APPR. CROSS BOLT SPACER NTS

DATE 07.09.19 CROSS BOLT SPACER

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